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| FORM PTO-1390<br>MODIFIED  | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE |   |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A FILING UNDER 35 U.S.C. 371</b>  |   | U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)<br><br><b>10/584,294</b> |
| INTERNATIONAL APPLICATION NO.<br><b>PCT/EP2004/014484</b>  | INTERNATIONAL FILING DATE<br><b>20 December 2004</b>    | PRIORITY DATE CLAIMED<br><b>23 December 2003</b>                            |
| TITLE OF INVENTION<br><br><b>FLUOROMETERS</b>  |   |   |
| APPLICANT(S) FOR DO/EO/US<br><br><b>AASMUL</b>   |   |   |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |   |   |
| 1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.  |   |   |
| 2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.   |   |   |
| 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.  |   |   |
| 4. <input type="checkbox"/> The U.S. has been elected (Article 31).  |   |   |
| 5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)).   |   |   |
| a. <input type="checkbox"/> is attached hereto (        pages specification, claims & abstract (        claims),        sheets drawings).  |   |   |
| b. <input type="checkbox"/> has been communicated by the International Bureau.   |   |   |
| c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).   |   |   |
| 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(3))  |   |   |
| a. <input type="checkbox"/> is attached hereto (        pages specification, claims & abstract (        claims),        sheets drawings,        page Certificate of Translation).  |   |   |
| b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).   |   |   |
| 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))   |   |   |
| a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).   |   |   |
| b. <input type="checkbox"/> have been communicated by the International Bureau.  |   |   |
| c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has <b>NOT</b> expired.   |   |   |
| d. <input type="checkbox"/> have not been made and will not be made.   |   |   |
| 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).  |   |   |
| 9. a. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).   |   |   |
| b. <input type="checkbox"/> Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (        page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached). |   |   |
| 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).  |   |   |
| <b>Items 11 To 20 below concern document(s) or information included:</b>   |   |   |
| 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.   |   |   |
| 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.   |   |   |
| 13. a. <input type="checkbox"/> A FIRST preliminary amendment.   |   |   |
| b. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.  |   |   |
| 14. <input type="checkbox"/> An Application Data Sheet under 37 C.F.R. § 1.76.   |   |   |
| 15. <input type="checkbox"/> A substitute specification.   |   |   |
| 16. <input type="checkbox"/> A change of power of attorney and/or address letter.  |   |   |
| 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.  |   |   |
| 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).   |   |   |
| 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).   |   |   |
| 20. <input type="checkbox"/> Other items or information.   |   |   |

|  |   |   |         |  |                        |
|--|---|---|---------|--|------------------------|
| U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)<br><b>10/584,294</b>  |   | INTERNATIONAL APPLICATION NO.<br><b>PCT/EP2004/014484</b>                     |         | ATTORNEY'S DOCKET NUMBER<br><b>141-453</b> |                        |
| <input checked="" type="checkbox"/> The following fees are submitted:  |   |   |         |  |                        |
| <b>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):</b>  |   |   |         |  |                        |
| 21. <input type="checkbox"/>   | Basic national fee .....\$300.00 (1631)/\$150.00 (2631) |   |         |  | \$                     |
| 22. <input type="checkbox"/>   | Examination Fee ..... \$0 (1643/2643)                   |   |         |  | \$                     |
|  |   |   |         | .....\$200.00 (1633)/\$100.00 (2633)       |                        |
| 23. <input type="checkbox"/>   | Search Fee .....\$0 (1640/2640)                         |   |         |  |                        |
|  |   |   |         | .....\$100 (1641)/\$50 (2641)              |                        |
|  |   |   |         | .....\$400 (1642)/\$200 (2642)             |                        |
|  |   |   |         | .....\$500.00 (1632)/\$250.00 (2632)       | \$                     |
| <b>TOTAL OF ABOVE CALCULATIONS</b>   |   |   |         |  | \$ 0.00                |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.   |   |   |         |  |                        |
| Total Sheets   | Extra Sheets  | Number of each additional 50 or fraction thereof (round up to a whole number) |         | RATE                                       |                        |
| 0 -100   | 0   | /50 = 0.00  |         | \$0.00 (1681)                              |                        |
|  |   |   |         | \$0.00 (2681)                              |                        |
| Surcharge of \$130.00 (1617)/\$65.00 (2617) for furnishing the oath or declaration later than <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).   |   |   |         |  |                        |
|  |   |   |         |  |                        |
| CLAIMS   |   | NUMBER FILED  | # EXTRA | RATE                                       |                        |
| Total Claims   |   | minus 20 =  | 0 X     | \$50.00 (1615)/                            | \$25.00 (2615)         |
| Independent Claims   |   | minus 3 =   | 0 X     | \$200.00 (1614)                            | \$100.00 (2614)        |
| MULTIPLE DEPENDENT CLAIMS(S) (if applicable)   |   |   |         | \$360.00 (1616)/\$180.00 (2616)            |                        |
|  |   |   |         | \$ 0.00                                    |                        |
| Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s): One Month Extension \$120.00 (1251)/\$60.00 (2251); Two Month Extensions \$450.00 (1252)/\$225.00 (2252); Three Month Extensions \$1020.00 (1253)/\$510.00 (2253); Four Month Extensions \$1590.00 (1254)/\$795.00 (2254) |   |   |         |  |                        |
|  |   |   |         | \$ 0.00                                    |                        |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.   |   |   |         |  |                        |
| Processing fee of \$130.00 (1618), for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).  |   |   |         |  |                        |
|  |   |   |         | + 0.00                                     |                        |
| <b>TOTAL NATIONAL FEE =</b>  |   |   |         |  | \$ 0.00                |
| Fee for recording the enclosed assignment (37 C.F.R. 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 (8021) per property +   |   |   |         |  |                        |
|  |   |   |         | \$ 40.00                                   |                        |
| Fee for Petition to Revive Unintentionally Abandoned Application; \$1500.00 (1453) / \$750.00 (2453)   |   |   |         |  |                        |
|  |   |   |         | \$ 0.00                                    |                        |
| <b>TOTAL FEES ENCLOSED =</b>   |   |   |         |  | \$ 40.00               |
|  |   |   |         |  | Amount to be refunded: |
|  |   |   |         |  | \$                     |
|  |   |   |         |  | Amount to be Charged:  |
|  |   |   |         |  | \$                     |
| U.S. Application No.10/584,294; Atty Docket No.141-453   |   |   |         |  |                        |
| a. <input checked="" type="checkbox"/> A check in the amount of \$40.00 to cover the above fees is enclosed.   |   |   |         |  |                        |
| b. <input type="checkbox"/> Please charge my Deposit Account No. 14-1140 in the amount of \$_____ to cover the above fees.   |   |   |         |  |                        |

A duplicate copy of this form is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed.

d. ☐ **CREDIT CARD PAYMENT FORM ATTACHED.**

e. ☒ The entire content of International Application No. **PCT/EP2004/014484** and any U.S. and foreign application(s) corresponding thereto, and , referred to in this application is/are hereby incorporated by reference in this application.

**NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b) must be filed and granted to restore the application to pending status.**

**CORRESPONDENCE ADDRESS**

Direct all correspondence to:

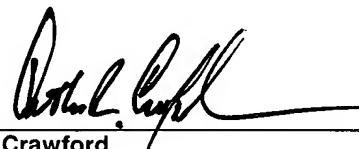
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**Arthur R. Crawford**

NAME

**25,327**

REGISTRATION NUMBER

**December 14, 2006**

Date